



## Applied Research Center Student Newsletter

### COMPLETING SUMMER PROJECTS



Working hard this summer Chris Hendricks, an undergraduate student at W&M (left), and Dina Abdel-Fattah, an entering student at W&M (right), participated in several projects in the ARC Labs. One of the projects they worked on dealt with the structure of iron, produced by the Colonial Williamsburg blacksmiths. (<http://www.jlab.org/ARC/WM/newsletter/may06update2.pdf>.) A number of interesting results were obtained. Both students received a great experience in metallographic methods of surface structure analysis and in the use of different types of equipment. This work attracted attention of Steve McCain, editor of the William and Mary student scientific magazine, *Ideation*. See a link to his article online:

<http://www.wm.edu/news/index.php?id=6516>

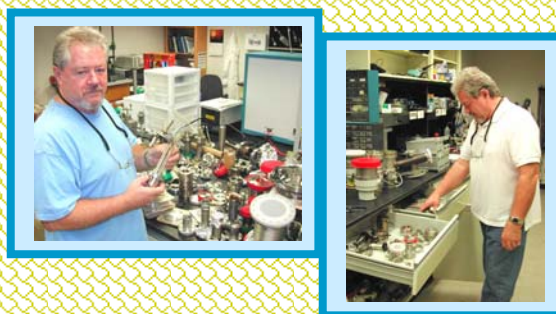
### LAB TOUR

On August 22<sup>nd</sup> ODU ARC Lab Director, Dr. Hani Elsayed-Ali (right) visited our lab. He brought his colleague, ODU professor Dr. Wes Lawrence, to tour the W&M labs and show him our equipment capabilities.



### Ultimate Recycling Project Underway

Richard Proper (pictured below), who was so good in moving equipment from point A (Small Hall) to point B (lab 208 in the ARC), now is busy arranging the equipment in "proper" order. Amy Wilkerson is preparing a system of easy online access with detailed information and pictures showing each piece of equipment. This system will allow users to easily identify expensive equipment and parts that are not in use at this time so users will have access to them, making projects less expensive to accomplish.



### Lab Visitor

On August 30<sup>th</sup> Tatiana Tchoudakova, a graduate student in cultural anthropology at the University of Chicago, visited our lab. Natalie conducted a lab tour for her. In exchange, Tatiana showed pictures, she'd brought from the field trip to Buriatya, a small autonomic region in Siberia, Russia, next to Mongolia and lake Baikal.



Editors /  
photographers:  
Amy Wilkerson,  
Olga Trofimova.